

B.A.R.G. NEWS

Official Newsletter of the Ballarat Amateur Radio Group. Inc. #6953T

ABN 44 247 200 143

VOLUME 26 ISSUE 10 **OCTOBER 2003**

PRESIDENT: Gordon Cornell VK3FGC

SECRETARY: John Kennedy VK3AIG

TREASURER: Bob Terrill VK3BNC

NEXT MEETING - FRIDAY 24 OCTOBER

At 7.30 pm

FROM THE PRESIDENT

This month of October/November is most important for the Club. It is the time of the Hamvention when we have the opportunity to have "face to face" contacts and view and buy that new or used equipment. The Hamvention is also important as the main fund raiser for us to maintain the club equipment such as repeaters and beacons which all amateurs are able to access. Therefore please give it your support and enjoy the day.

Following this we will be involved in the ARDF championships in December when we will require a lot of Club participation.

FROM THE COMMITTEE

From this month's meeting, the main item of discussion was the ACA paper "A Review of Amateur Service Regulation". The discussion took up most of the evening and David VK3UR recorded our comments from which a paper is being prepared for presentation to the next Club meeting for discussion and/or amendment. This is then to be sent to the ACA & WIA after the public meeting to be convened by the ACA in Melbourne on Wednesday 8 October 2003. It is also suggested that the important points be presented to our Federal Member of Parliament.

DATES

7.30 pm. Note the new starting time for the Autumn/Winter period

COMMITTEE please note that meetings (3rd Wednesday in the month) will also start at 7.30.

Ballarat HAMFEST date is the **first** Sunday in November (the weekend before the Melbourne Cup :as usual) **Sunday 2 November 2003.**

OCTOBER MEETING

At the last club meeting it was announced that at this month's meeting, we would hold a trivia night. This may be postponed depending on the time taken to discuss the ACA review. But it will not be forgotten.

CONSTRUCTION PROJECTS

The next project for the construction group has started being a "screw driver aerial" under the guidance of Ian AXH. Night one saw the modification of the hand held screwdriver and the winding of the coils.

BALLARAT AMATEUR RADIO GROUP

Minutes of Meeting 26 October 2003

Meeting opened by President Gordon VK3FGC @1945 Hrs

Present 17 Members

Apologies. VK3PAL. VK3BNC. VK3KGL

Minutes as circulated Moved VK3AXH / VK3HRZ Carried

Financial report as tabled Moved VK3FGC / VK3AXH Carried

Correspondence. In letter from A.C.A. advising of dates for coming Public Meetings. Out Nil.

Reports. Education Up to 3 possible candidates for exams.
 Technical New antenna for VK3RWA to be installed asap
 9600 Baud Link off Mt st Len VK3AXH
 Nets 6 only on Thursday night
 Western Zone all ok
 QSL Number of cards in hand
 Publicity RDF listed special events web page
 Membership October end of month deadline
 Hamvention Only 11 tables taken. Follow up on more tables
 Helpers required on day. Advise Ian VK3AXH

General Business Moved VK3DCS /AXH That simplified set of By Laws be
 Be produced for BARG. Carried VK3FGC

David VK3UR Presented to the meeting the list of recommendations the BARG Committee put together regarding the ACA Review Of Amateur Service Regulatins for the general membership to accept ,reject, or revise.

An excellent presentation brought about spirited discussion and all final Recommendations will be put to ACA by members of the club after Oct 9 in Melbourne as part of the Public Consultation.

The meeting further agreed to send a copy of the above to our local member Ms King.

President Gordon thanked David for the excellent manner of presentation and Members for their input

Meeting closed @2200 hrs

ANNUAL FEES

Your annual fees are now due; if you have not paid, please do so ASAP as you should be aware that, by the constitution, if fees are not paid by the end of October your name is to be removed from the Membership Register, ie. You cease to be a member.

From the minutes previously circulated you will see that the club intends to produce a Club Directory for members and as such a sheet for members details was handed out to be returned with this years subs. For those members not present a copy of the sheet is included with this news letter please fill it in and return ASAP. Please circle the Y or N letters clearly.

B.A.R.G. Inc.
(Ballarat Amateur Radio Group Inc. #6953T
ABN 44 247 200 143

Annual Subscription & Club Register Check

DATE _____

Name: _____

Call _____ Y/N

Address: _____ Y/N
Y/N

Phone Home _____

Town: _____ Y/N
Y/N

Phone Work _____

Post Code _____ Y/N
Y/N

e-mail _____

Subscription Paid (\$30.00) _____

If the Club decided to publish a Club Directory, are you willing to have the above information included? Yes/No. If there is any information you want excluded: please circle Yes/No (Y/N) on each entry above.

SIMULATORS HAVE COME A LONG WAY IN 50 YEARS.

When I look at the absolutely marvellous "virtual reality" simulators which abound nowadays and the equally stunning "graphics" of computer games for the 'littlies' ???, I sit back astounded. In my youth at a major radio training school in England, we were fascinated by the target simulator sitting in what we termed the 'Taj Mahal' at RAF Cranwell. It comprised a large shallow water tank holding about 2 inches (50 mm) of water and surrounded on the table by jars containing lots of various size grains of sand and gravel.

In the middle of the tank was a rotating piezo-electric transducer operating at about 13 MHz (from memory) and in contact with the water. The transducer, a two way device, was connected to one of the early 10 cm H2S radars and took the place of the transmitter and front end of the receiver.

The idea was to use the various sand and gravel pieces to lay out a map on the bottom of the tank to represent the area of the target. Large gravel would give a return similar to that from a built-up area whilst the finer sands would reflect the ultra-sonic waves at much the same intensity as would undulating terrain. The problem of radar-shadowing due to high ground could be simulated by piling up the sand to form 'mountains/hills' behind the target would be invisible.

When it was finished then the radar screen display was photographed to provide a 'target radar map' for the navigator/bomb-aimer to assist in recognition of the area. Rude, crude and disgusting but it was better than the alternative which was NOTHING.

Of course nowadays the marvels of GPS and modern radars can produce data far better than that but hopefully they will not be needed and we can live in peace.

This article was prepared by Reg. VK3CAZ.

FOR SALE

Magnum "Delta Force" Mobile 10/11 metre transceiver

\$225.00

Phone for details James VK3AIG 53521331

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NEXT MEETING Friday 24 October 03 at 7.30 pm.

<u>REPEATERS</u>	VK3RBS	(Voice) 147.100	Mt. Ben Nevis
	VK3RBA	(Voice) 146.750	Mt. Buninyong
	VK3RPC	(Packet) 144.750	Mt. Warrenheip
	VK3RBU	(Voice) 438.475	Mt. Hollowback
<u>BEACON</u>	VK3RMB	432.535	Mt. Buninyong.
<u>CLUB NET</u>	VK3BML	3.610 MHz +/- QRM	Thursday nights at 8pm. (8.30 pm during daylight saving)

PLEASE ADDRESS ALL CORRESPONDENCE TO: The Secretary BARG(inc.) Box 1261 Mail Centre BALLARAT 3354